

**SECRET****PRIORITY**

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 S E C R E T CITE NPIC 2017.

## PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-985, 12 OCT 67.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MISSION)

S E C R E T

-END OF MESSAGE-

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Declassification Review by NGA

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**SECRET**

25X1  
 GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

# PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-985, 12 OCT 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C @CLEAR#, SC @SCATTERED CLOUD COVER#, HC @HEAVY CLOUD COVER#, H @HAZE#, CS @CLOUD SHADOW#, SD @SEMI-DARKNESS#, GC @GROUND COVER#, CF @CAMOUFLAGED#, O @OBLIQUITY#, AND GR @GROUND RESOLUTION#.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD#, F @FAIR#, OR P @POOR#. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL# OR PT @PARTIAL#. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO#, NS @NONSTEREO#, OR PS @PARTIAL STEREO#.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM#, MEDIUM @76-100 MM#, HEAVY @OVER 100 MM#, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4#. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED#.

## MISSILES

CAMPO FLORIDO SAM SITE A87-2 CU 2389N @8282W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES#, 14 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 10 TRUCK-TRACTORS, 9 TRACKED PRIME MOVERS, AND 6 CARGO TRUCKS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

CIFUENTES SAM ASSEMBLY AREA CU 2236N @8885W  
OB -- NONE OBSERVED.

EL CANO SAM SITE CU 2383N @8229W  
OB -- 5 EMPLACED LAUNCHERS AND 3 PROBABLE VAN TRAILERS.

EL CANO SAM SITE 2 CU 2383N @8229W  
OB -- 3 SA-2 LAUNCHERS, 3 MISSILE TRANSPORTERS, 8 TRACKED PRIME MOVERS, AND 2 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

GUANABACOA SAM SITE A14-2 CU 2385N @8216W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES#, 12 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 11 TRUCK-TRACTORS, AND 3 ADDITIONAL

TAK OUT

OUT  
63360

25X1

25X1

25X1

25X1

ACTIVITY -- APPROXIMATELY 1000 HOURS ON 08/18/78. CIA-RDP78B03817A000900010036-6  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES

GUARA SAM SITE A29-2 CU 2248N 88213W  
OB -- 6 EMPLACED LAUNCHERS 02 WITH MISSILES, 8 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 8 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 2 ADDITIONAL VAN TRAILERS, AND 16 OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA CACHIMBA SAM SITE A12-2 CU 2245N 88227W  
OB -- 6 EMPLACED LAUNCHERS, 10 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, A PROBABLE ACQUISITION RADAR WITH ASSOCIATED VAN, 5 AT-5 TRACKED PRIME MOVERS, 8 ZIL-157V TRUCK TRACTORS, AND 4 CARGO TRUCKS.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA SALUD SAM SITE A04-2 CU 2253N 88224W  
OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, A PROBABLE ACQUISITION RADAR, 9 AT-5 TRACKED PRIME MOVERS, 9 ZIL-157V TRUCK TRACTORS, 5 CARGO TRUCKS, AND 5 OTHER VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

MANAGUA SAM SITE A05-2 CU 2259N 88215W  
OB -- 12 MISSILE TRANSPORTERS AND 10 OTHER VEHICLES. THE LAUNCH REVETMENTS, THE CENTRAL GUIDANCE REVETMENT, AND THE ACQUISITION RADAR REVETMENT ARE EMPTY.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

PUNTA BRAVA SAM SITE A30-2 CU 2301N 88231W  
OB -- 6 EMPLACED LAUNCHERS, 8 MISSILE TRANSPORTERS, AND A PROBABLE FAN SONG RADAR WITH ASSOCIATED EQUIPMENT. TWO LONGITUDINAL CUTS ADJACENT TO SITE INDICATE NEW CONSTRUCTION ACTIVITY.  
NO APPARENT CHANGE IN LAUNCH FACILITIES.

TORRENS SAM ASSEMBLY AREA CU 2257N 88227W  
OB -- 7 MISSILE TRANSPORTERS, 6 MISSILE CANISTER TRANSPORTERS, AND 6 CARGO TRUCKS.  
ACTIVITY -- 2 OCCUPIED 3-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08010W

OB -- 6 EMPLACED LAUNCHERS, 6 MISSILE TRANSPORTERS, A  
FAN SONG RADAR WITH 2 ASSOCIATED VAN TRAILERS, 1  
ACQUISITION RADAR WITH 2 GENERATOR VANS, AND 12  
PROBABLE TRUCK TRACTORS.

ACTIVITY -- ONE 6-GUN AAA SITE, PROBABLY OCCUPIED.  
NO APPARENT CHANGE IN FACILITIES.

25X1

LA CATALINA SAM SITE A34-2 CU 2258N 08200W

OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A  
FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN  
OCCUPIED ACQUISITION RADAR REVETMENT, 9 TRACKED PRIME  
MOVERS, 8 TRUCK TRACTORS, 4 CARGO TRUCKS, AND 5 OTHER  
VEHICLES.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA CU 2257N 08221W

OB -- 7 MISSILE TRANSPORTERS, NUMEROUS MISSILE  
CANISTERS, AND 9 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA FE SAM SITE CU 2147N 08250W

OB -- 6 EMPLACED LAUNCHERS, 14 MISSILE TRANSPORTERS, A  
FAN SONG RADAR WITH 4 ASSOCIATED VAN TRAILERS, 4  
TRUCKS, AND 4 UNIDENTIFIED VEHICLES.

ACTIVITY -- ONE 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

PUNTA BALLENAOS SAM SITE CU 2304N 08229W

OB -- NONE OBSERVED.  
CONSTRUCTION CONTINUES.

25X1

LA HABANA SAM SITE FORT DE LA CABANA CU 2308N 08220W

OB -- NONE OBSERVED.  
CONSTRUCTION CONTINUES.

25X1

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU 2309N 08150W

OB -- NONE OBSERVED.  
ACTIVITY -- 1 PROBABLE FLAT FACE RADAR, 1 VAN TRUCK,  
AND 5 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE CU 2305N 08210W

OB -- 2 PROBABLE SAMLET LAUNCHERS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANABO CRUISE-MISSILE SITE CU 2309N 08203W

OB -- NONE OBSERVED.

ACTIVITY -- NONE OBSERVED.

25X1

SANTA FE PROBABLE SAM TRNG AREA CU 2144N 08238W

THREE LAUNCH POSITIONS HAVE BEEN REVETTED.

APPROXIMATELY 22 MISSILE CANISTERS OBSERVED IN  
CLOUD-FREE AREAS.

25X1

EL CHICO SAM TRAINING AREA CU 2300N 08226W

OB -- 26 FA PIECES, 6 AAA PIECES, 10 PROBABLE BTR-152,  
48 CARGO TRUCKS, 14 VAN TRUCKS, AND 5 UTILITY TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

AIR FACILITIES

SIGUANEIA AIRFIELD CU 2138N 08257W

OB -- NONE OBSERVED.

25X1

CORONEL PASCUAL AIRFIELD CU 2307N 08117W

OB -- NONE OBSERVED.

25X1

SAN ANTONIO DE LOS BANOS AIRFIELD CU 2252N 08230W

OB -- 30 FISHBED, 7 FARMER, 11 FAGOT/FRESCO, AND 1  
HOUND.

A TOWN TYPE RADAR WITH A VAN TRUCK AND 4 VAN TRAILERS  
IS LOCATED AT UTM 17QLR452295.

QMAP REFERENCE -- AMS SERIES E723, SHEET 3684-1, 4TH  
ED.

25X1

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W

OB -- 1 CLEAT, 2 BRITANNIA, 1 COOT, 1 C-54, 3 COKE, 15  
CRATE 01 WITH PORTWING REMOVED, AND 3 SMALL  
STRAIGHT-WING.

25X1

CAMPO LIBERTAD AIRFIELD CU 2305N 08226W

OB -- 8 FAGOT/FRESCO, 1 COLT, 2 SMALL STRAIGHT-WING, 1  
PROBABLE HIP, AND 17 HOUND 06 WITHOUT ROTORS.

25X1

PLAYA BARACOA AIRFIELD CU 2302N 08234W

OB -- 1 FARMER, 1 COKE, 1 CRATE, 2 COLT, AND 1 HOUND.  
CONSTRUCTION ON BUILDINGS CONTINUES.

25X1



VEHICLES/PIECES OF EQUIPMENT  
NO APPARENT CHANGE IN FACILITIES.

Approved For Release 2006/08/18 : CIA-RDP78B03817A000900010036-6

25X1

MILITARY ACTIVITY

RANCHO BOYEROS MIL TRAINING AREA A CAMP CU 2300N 08210W  
OB -- 16 FA PIECES, 4 AAA PIECES, 6 MORTARS, 16  
BTR-60P, AND 110 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

LA HABANA BARRACKS COJIMAR CU 2309N 08215W  
OB -- APPROXIMATELY 70 VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE LAS VEGAS MILITARY CAMP CU 2258N 08220W  
OB -- 1 POSSIBLE FROG TRANSPORTER AND 107 OTHER  
VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

TORRENS MILITARY COMPLEX CU 2259N 08227W  
OB -- 13 FA PIECES, 10 MORTARS, 13 BTR-60P, 20 CARGO  
TRUCKS, 1 VAN TRUCK, AND AT LEAST 55 OTHER  
VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES. NINE LARGE AND  
1 MEDIUM TENTS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

BAJURAYABO MILITARY CAMP CU 2308N 08210W  
OB -- 6 FA PIECES AND 3 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMPO FLORIDO MILITARY CAMP EAST CU 2307N 08206W  
OB -- 2 TANKS/SP GUNS AND 18 CARGO TRUCKS.  
ACTIVITY -- 2 OCCUPIED 3-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMPO FLORIDO MILITARY CAMP WSW CU 2306N 08211W  
OB -- 33 FA PIECES AND 41 CARGO TRUCKS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAYO LARGO MILITARY AREA CU 2137N 08133W  
OB -- 5 PROBABLE TANKS/SP GUNS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CORRALILLO MILITARY AREA Base 20620818: 00000078B03817A000900010036-6

OB -- 2 TANKS, 27 CARGO TRUCKS, AND 8 UTILITY TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

LA FLORA MILITARY CAMP CU 2252N 88233W  
OB -- 53 BTR-60P, 39 FA PIECES, 3 AAA PIECES, 15  
MORTARS, 85 CARGO TRUCKS, AND 10 OTHER VEHICLES.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

LOMAS TETAS DE MANAGUA TANK PARK CU 2258N 88219W  
OB -- 24 TANKS/SP GUNS AND 4 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

MANAGUA MILITARY CAMP CU 2258N 88217W  
OB -- 48 AAA PIECES AND NUMEROUS OTHER VEHICLES/PIECES  
OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

MARTI ARMOR TRAINING AREA CU 2258N 88059W  
OB -- 6 PROBABLE TANKS/SP GUNS, 3 UTILITY TRUCKS, AND 1  
CARGO TRUCK.  
NO APPARENT CHANGE IN FACILITIES.

25X1

MINAS MILITARY CAMP JESUS MARIA FINCA CU 2306N 88211W  
OB -- 17 CARGO TRUCKS AND 5 OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA FE MILITARY CAMP LA CLARITA CU 2144N 88247W  
OB MAIN CAMP -- NONE OBSERVED.  
OB WCAMP 1.5 NM WNW -- 8 FA PIECES AND 5 PROBABLE  
CARGO TRUCKS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
OB WCAMP 4.8 NM NW -- CLOUD COVERED.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA FE MILITARY CAMP EAST CU 2144N 88244W  
OB -- 31 FA PIECES, 15 CARGO TRUCKS, AND 6 OTHER  
VEHICLES.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1  
25X1

SAN ANTONIO DE LOS BANDOS MILITARY CAMP CU 2254N 88229W  
OB -- 61 CARGO TRUCKS AND AT LEAST 15 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.



25X1

CHORRERA DE MANAGUA MILITARY CAMP W CU 2382N 8821W  
OB -- 26 BTR-60P, 2 CARGO TRUCKS, AND 7 OTHER  
VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

LA CHARCA MILITARY ACTIVITY CU 2246N 88036W  
OB -- 35 BTR-60P, 18 FA PIECES, 6 AAA PIECES, 8  
MORTARS, APPROXIMATELY 78 CARGO TRUCKS, 4 CARGO  
TRAILERS, AND 1 TRUCK MOUNTED CRANE.  
ACTIVITY -- FOUR 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

ALQUIZAR MILITARY ACTIVITY CU 2251N 88234W  
OB -- 9 TANKS/SP GUNS AND 8 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMPO LIBERTAD VEHICLE PARK CU 2304N 88227W  
OB -- AT LEAST 30 CARGO TRUCKS AND 50 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

JUNCO MILITARY ACTIVITY CU 2244N 88234W  
OB -- 3 TANKS/SP GUNS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SPECIAL AREA PURPLE CU 2254N 88228W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

BEJUCAL MILITARY CAMP SE CU 2254N 88221W  
OB -- 23 TANKS/SP GUNS, 23 CARGO TRUCKS, AND 13 OTHER  
VEHICLES.

25X1

NO APPARENT CHANGE IN FACILITIES FROM

25X1

LA HABANA ARMY BARRACKS FORT DE LA CABANA CU 2308N 88228W  
OB -- 8 SALISH TRANSPORTER/LAUNCHERS, 3 FROG  
TRANSPORTERS, AND NUMEROUS OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CATALINA MILITARY CAMP CU 2256N 88223W  
OB -- 14 BTR-60P AND 2 PROBABLE VAN TRUCKS.  
NO APPARENT CHANGE IN FACILITIES FROM

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

BEJUCAL INTL BROADCASTING FACILITY 2253N 88228W

SANTA FE MILITARY CAMP LUMUMBA 2142N 88249W

SPECIAL AREA APPROVED For Release 2006/08/18 : CIA-RDP78B03817A000900010036-6

SPECIAL AREA TEXAS For Release 2006/08/18 : CIA-RDP78B03817A000900010036-6

TARARA LANDING BEACH 2310N 08211W

PLAYA COLOMBO LANDING BEACH 2154N 08246W

PLAYA DE FLAMENCOS LANDING BEACH 2153N 08243W

GANUZA LANDING BEACH 2305N 08030W

ENSENADA DE PLAYUELAS LANDING BEACH 2246N 08349W

PENINSULA DE HICACOS LANDING BEACH 2311N 08130W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

ALQUIZAR SAM SITE A30-2 2249N 08238W

MAHIEL SAM SITE 2 A30-2 2300N 08248W

RANCHUELO SAM SITE A33-2 2223N 08018W

LA ESPERANZA SAM ASSEMBLY AREA 2227N 08008W

CAMILO CIENFUEGOS AIRFIELD 2229N 07956W

SIGUANEA NAVAL BASE 2136N 08258W

SAGUA LA GRANDE EW/GCI RADAR SITE 2 2243N 08006W

SANTIAGO DE LAS VEGAS MIL CAMP SOUTH 2257N 08223W

GUANAJAY MILITARY CAMP MARTIN MESA 2257N 08243W

GUANAJAY DRIVE THROUGH BUNKER 2256N 08239W

NAZARENO MILITARY CAMP 2257N 08213W

SAN JOSE DE LAS LAJAS MILITARY ACTIVITY 2258N 08212W

SAN PEDRO MILITARY CAMP 2238N 08254W

SIGUANEA MILITARY ACTIVITY 2137N 08257W

EL CANO MILITARY ACTIVITY 2303N 08228W

SPECIAL AREA VERMONT 2301N 08248W

SPECIAL AREA OREGON 2259N 08244W

SPECIAL AREA OHIO 2301N 08239W

SPECIAL AREA GREEN 2255N 08242W

MATANZAS LANDING BEACH 2301N 08126W

